



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

RBW6505G00831-3G-23

Job Sheet 178821



Part No: RBW6505G00831-3G-23

Job Qty: 6 ea

Part Name: Bar



Part Weight: 0 lbs

Status: Scheduled

Priority: High

Job Created: 6/7/18

Job Tracking No:

Due Date: 6/18/18

Created By: Logan David

Type: SOLD

Description:

Note: URF17-785 DWG RBW6505G00831-3G Rev2 IPP Rev A 17.11.22 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	6 Ea		6/18/18	0.00	0.00	Start Up Machining		
105	Bandsaw	6 pcs		6/18/18	0.00	0.50	Bandsaw1		
110	Mill Conv	6 pcs		6/18/18	0.00	12.00	Mill Conv 2		
120	QC	6 pcs		6/18/18	0.00	0.00	QC2		
130	QC	6 pcs		6/18/18	0.00	0.00	QC8		
140	QC	6 pcs		6/18/18	0.00	0.00	QC5		
150	Outsource	6 pcs		6/18/18			ATC001-VC ALTECH 10		
160	Packaging	6 pcs		6/18/18	0.00	0.00	Packaging2		
170	QC	6 pcs		6/18/18	0.00	0.00	QC6		
180	Packaging	6 pcs		6/18/18	0.00	0.00	Packaging3		
190	QC21-SA	6 Ea		6/18/18	0.00	0.00	QC21		

Part Op 105 - Cut blanks to 5.7"

Descriptions: 110 - 1-Machine as per DWG DWG REV: _____ 2-Deburr

150 - Issue P/O to ALTECH - ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEAL -Certificate of Conformity is required

ALTECH

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M6061T6B0.750X01.500	6061-T6 Bar .750 X 1.50	2.8200 ft (.47 ea)	90-Start up Operation	5077718

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M6061T6B0.750X01.500	3	51	0

Part Specifications

Specifications could not be found.



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Plex 6/7/18 4:47 PM dart.logan.david

Container No: S080855



Part: RBW6505G00831-3G-23

Job No: 178821

Serial No/Batch: S080855

Revision: 2

Inspector:

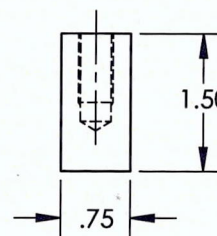
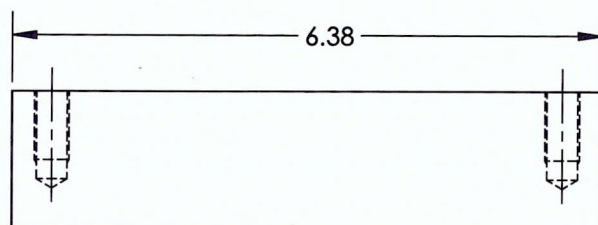
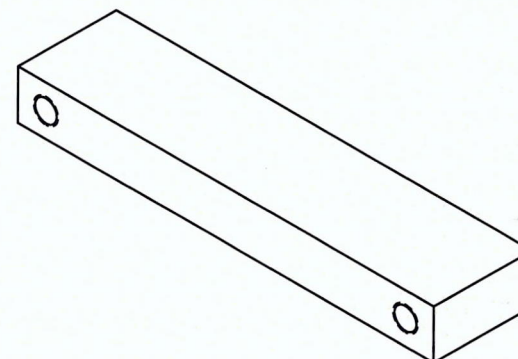
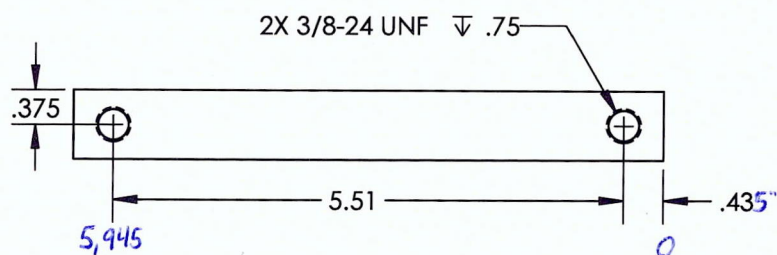
Exp Date:

Instructions:

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
2	-23 CH'D HOLE LOCATIONS FROM 5.38 TO 5.51.	7/12/2013	RJC
			APPROVED
			RW

TEO ATTACHED



(-23)

BAR

RED BARN MACHINE	
TITLE TROLLEY ADAPTER, TGB SUPPORT	
DWG NO. RBW6505G00831-3G-23	REV 2
MAT'L 6061	DRAWN BY: CLOUGH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D. West</i>
XXX ± .005 XX ± .01 X ± .1	HEAT TREAT FINISH
FRACTIONS ± 1/32 ANGLES ± 5°	SPEC MIL-A-8625F, TYPE II, CLASS 1
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL AW139
SCALE 1:2	DATE 1/20/2012
SHEET 14 OF 16	

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:15%;">Skid-tube ☐</td> <td style="width:15%;">Cross tube ☐</td> <td style="width:15%;">Water Jet ☐</td> <td style="width:15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																					
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Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																																						
Description Work Order Deviation				Disposition																																																									
Root Cause <table style="width:100%; border: none;"> <tr><td>Environment ☐</td><td>No Re-verification ☐</td></tr> <tr><td>Design ☐</td><td>Operator ☐</td></tr> <tr><td>Doc/Data ☐</td><td>Offset/Setup ☐</td></tr> <tr><td>Equip/Tooling ☐</td><td>Supplier ☐</td></tr> <tr><td>Handling/Pre ☐</td><td>Training ☐</td></tr> <tr><td>Material ☐</td><td>Use for Testing ☐</td></tr> <tr><td>Internal Transport ☐</td><td>Poor Information ☐</td></tr> <tr><td>Tribal Knowledge ☐</td><td>Rushing ☐</td></tr> <tr><td>LOA ☐</td><td>Product Improvement ☐</td></tr> <tr><td>Substation ☐</td><td>Process Improvement ☐</td></tr> <tr><td>Past Expiry Date ☐</td><td>Manufacturing Process ☐</td></tr> <tr><td>Misidentified ☐</td><td>Past Due ☐</td></tr> </table>		Environment ☐	No Re-verification ☐	Design ☐	Operator ☐	Doc/Data ☐	Offset/Setup ☐	Equip/Tooling ☐	Supplier ☐	Handling/Pre ☐	Training ☐	Material ☐	Use for Testing ☐	Internal Transport ☐	Poor Information ☐	Tribal Knowledge ☐	Rushing ☐	LOA ☐	Product Improvement ☐	Substation ☐	Process Improvement ☐	Past Expiry Date ☐	Manufacturing Process ☐	Misidentified ☐	Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐		FAULT CATEGORY <table style="width:100%; border: none;"> <tr><td>Temperature/Cure ☐</td><td>Power Loss/Surge ☐</td><td>Positioned Wrong ☐</td></tr> <tr><td>Set-up ☐</td><td>Folio/Program ☐</td><td>Outside Dimensions ☐</td></tr> <tr><td>BOM/Route ☐</td><td>Grain ☐</td><td>Over/Under tolerance ☐</td></tr> <tr><td>Broken/Damage/Defect ☐</td><td>Weld ☐</td><td>Part Incorrect ☐</td></tr> <tr><td>Inspection Incomplete/Unqualified ☐</td><td>Wrong Stock Pulled ☐</td><td>Part Lost/Missing ☐</td></tr> <tr><td>Contamination ☐</td><td>Out of Sequence ☐</td><td>Part Moved ☐</td></tr> <tr><td>Countersink ☐</td><td>Off-set ☐</td><td>Drawing ☐</td></tr> <tr><td>Cut Too Short ☐</td><td>Mislabeled ☐</td><td>Finish ☐</td></tr> <tr><td>Instructions Incomplete/Unclear ☐</td><td>Fit/Function ☐</td><td>Misread ☐</td></tr> <tr><td>Drill Holes ☐</td><td>Misaligned/off center ☐</td><td>Turning Sequence ☐</td></tr> </table>		Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Countersink ☐	Off-set ☐	Drawing ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	OTHER : _____	
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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO040175**

Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

PO No: PO040175
PO Date: 6/14/18
Due Date: 6/18/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pynt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	173874	RBE350A94-3700-A-01	Tube -Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required -Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed	6/15/18	24 pcs	0 pcs	24 pcs	\$3.85/pcs	\$92.40
2	173878	RBE350A94-3700-C-01	Tube -Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed	6/15/18	28 pcs	0 pcs	28 pcs	\$1.80/pcs	\$50.40

Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	178864	RBW6420G00131-8G-5	Pin -Issue P/O to GROUPE ALTECH: P/O _____ -Zinc plate, ASTM B633 TYPE 2 SC2 -Color BLACK -Material type 4140 -Certificate of Conformity is required -Issue P/O to GROUPE ALTECH: P/O _____ -Zinc plate, ASTM B633 TYPE 2 SC2 -Color BLACK -Material type 4140 -Certificate of Conformity is required -Issue P/O to GROUPE ALTECH: P/O _____ -Zinc plate, ASTM B633 TYPE 2 SC2 -Color BLACK -Material type 4140 -Certificate of Conformity is required	Firmed	6/15/18	12 pcs	0 pcs	12 pcs	\$12.50/pcs	\$150.00
4	177002	RB877406-5-27	Bolt -Issue P/O to GROUPE ALTECH; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Certificate of Conformity is required	Firmed	6/15/18	10 pcs	0 pcs	10 pcs	\$0.97/pcs	\$9.70
5	173926	RBE703A94-1130-01-09	Bottom Fixture 2 -Issue P/O to Groupe Altech: PO _____-ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2 WATER SEALANT -Certificate of Comformity is required	Firmed	6/15/18	12 pcs	0 pcs	12 pcs	\$4.95/pcs	\$59.40
6	173876	RBE350A94-3700-A-05	Foot -Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed	6/15/18	21 pcs	0 pcs	21 pcs	\$2.80/pcs	\$58.80
7	177001	RB877406-5-21	Cap -Issue P/O to GROUPE ALTECH; PO _____ -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Certificate of Conformity is required	Firmed	6/15/18	13 pcs	0 pcs	13 pcs	\$1.15/pcs	\$14.95

Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
8	177060	RBW6420G01531-8G-2	Guide -Issue P/O to Groupe Altech: P/O _____ -Zinc plate, ASTM B633 TYPE 2 SC2 -Color yellow -Certificate of Conformity is required -Issue P/O to Groupe Altech: P/O _____ -Zinc plate, ASTM B633 TYPE 2 SC2 -Color yellow -Certificate of Conformity is required -Issue P/O to Groupe Altech: P/O _____ -Zinc plate, ASTM B633 TYPE 2 SC2 -Color yellow -Certificate of Conformity is required -Issue P/O to Groupe Altech: P/O _____ -Zinc plate, ASTM B633 TYPE 2 SC2 -Color yellow -Certificate of Conformity is required	Firmed	6/18/18	6 pcs	0 pcs	6 pcs	\$1.05/pcs	\$6.30
9	173859	RBE350A93-3307-00-01	Retractor -Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13964, CLASS 1; MIL-C-16173 GRADE 4 -Certificate of Conformity is required	Firmed	6/18/18	12 pcs	0 pcs	12 pcs	\$2.55/pcs	\$30.60
10	177059	RBW6420G01531-8G-1	Reaction -Issue P/O to ATG: _____ - ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEAL -Certificate of Conformity is required	Firmed	6/18/18	6 pcs	0 pcs	6 pcs	\$10.00/pcs	\$60.00
11	178821	RBW6505G00831-3G-23	Bar -Issue P/O to ATG: _____ - ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEAL -Certificate of Conformity is required	Firmed	6/18/18	6 pcs	0 pcs	6 pcs	\$2.25/pcs	\$13.50

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Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
12	176957	C3-11-1	Side Plate - Solenoid C3-Hook -Issue P/O to Groupe Altech : -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Certificate of Conformity is required	Firmed	6/18/18	19 pcs	0 pcs	19 pcs	\$6.55/pcs	\$124.45
13	177000	RB877406-5-17	R & I Adapter -Issue P/O to GROUPE ALTECH; PO -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Certificate of Conformity is required	Firmed	6/18/18	11 pcs	0 pcs	11 pcs	\$1.25/pcs	\$13.75
Grand Total:										\$684.25

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

CT.

Plex 6/18/18 4:10 PM dart.tsimiklis.chrisoula



Certificat de Conformité / Certificate of Compliance

(010350-2)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9

Tel: 514-335-3666

Fax: 514-335-3868

www.groupaltech.com

Bon de Livraison / Packing Slip

010350 - 2

Livré à / Ship to

DART AEROSPACE LTD

1270 ABERDEEN STREET

HAWKESBURY, ON, K6A1K7

CANADA

Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD

1270 ABERDEEN STREET

HAWKESBURY, ON, K6A1K7

CANADA

BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
22-Jun-2018		Aman		PO040175				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
3	RBW6420G00131-8G-5 Rev.	RBW6420G00131-8G-5 01 -ZINC BLACK [ZINC BLACK] ASTM B633 TYPE 2 SC2 COLOR BLACK	ZINC CH	12	12	0	0	0
5	RBE703A94-1130-01-09 Rev.	RBE703A94-1130-01-09 01 -ANO-RED [ANODIZE RED] PER IAW MIL-A-8625 TYPE 2 CLASS 2 WATER SEALANT	ANODIZE CH	12	12	0	0	0
7	RB877406-5-21 Rev.	RB877406-5-21 01 -ANO-BLACK [ANODIZE BLACK] PER IAW MIL-A-8625F TYPE 2 CLASS 2 WATER SEALANT	ANODIZE CH	13	13	0	0	0
11	RBW6420G01531-8G-1 Rev.	RBW6420G01531-8G-1 01 -ANO-CLEAR [ANODIZE CLEAR] PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEALANT	ANODIZE CH	6	6	0	0	0
12	RBW6505G00831-3G-23 Rev.	RBW6505G00831-3G-23 01 -ANO-CLEAR [ANODIZE CLEAR] PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEALANT	ANODIZE CH	6	6	0	0	0
13	C3-11-1 Rev.	C3-11-1 01 -ANO-BLACK [ANODIZE BLACK] PER IAW MIL-A-8625F TYPE 2 CLASS 2 WATER SEALANT	ANODIZE CH	19	19	0	0	0

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38
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Notes Additionnelles / Additional Notes

 Epaisseur réelle
Actual Thickness

 Inspecteur Qualité
Quality Inspector

 Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
Our financial and legal responsibility will not be higher than the amount of invoice.